SEQUENCE LISTING

- (1) GENERAL INFORMATION:
- (i) APPLICANT: Reinherz, Ellis
 Clayton, Linda
 Ocain, Timothy D.
 Patch, Raymond J.
- (ii) TITLE OF INVENTION: THYMOCYTE CASPASE ACTIVITY
 AND NEGATIVE SELECTION
- (iii) NUMBER OF SEQUENCES: 9
- (iv) CORRESPONDENCE ADDRESS:
 - (A) ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
 - (B) STREET: Two Militia Drive
- (C) CITY: Lexington
- (D) STATE: MA
- (E) COUNTRY: USA
 - (F) ZIP: 02173
- (v) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: Diskette
 - (B) COMPUTER: IBM Compatible
 - (C) OPERATING SYSTEM: Windows 95
 - (D) SOFTWARE: FastSEQ for Windows Version 2.0b
- (vi) CURRENT APPLICATION DATA:
 - (A) APPLICATION NUMBER: 08/948,124
 - (B) FILING DATE: 09-OCT-1997
 - (C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: 08/802,474
 - (B) FILING DATE: 18-FEB-1997
- (viii) ATTORNEY/AGENT INFORMATION:
 - (A) NAME: Carroll, Alice O
 - (B) REGISTRATION NUMBER: 33,542
 - (C) REFERENCE/DOCKET NUMBER: DFCI-522A
- (ix) TELECOMMUNICATION INFORMATION:
 - (A) TELEPHONE: 781-861-6240
 - (B) TELEFAX: 781-861-9540
 - (C) TELEX:

- (2) INFORMATION FOR SEQ ID NO:1:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 5 amino acids
 - (B) TYPE: amino acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: peptide
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

Gln Ala Cys Xaa Gly

- (2) INFORMATION FOR SEQ ID NO:2:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 4 amino acids
 - (B) TYPE: amino acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: peptide
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

Tyr Val Ala Asp 1

- (2) INFORMATION FOR SEQ ID NO:3:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 4 amino acids
 - (B) TYPE: amino acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: peptide
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

Asp Glu Val Asp

1

(2) INFORMATION FOR SEQ ID NO:4:	
(i) SEQUENCE CHARACTERISTICS:(A) LENGTH: 9 amino acids(B) TYPE: amino acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear	·
(ii) MOLECULE TYPE: peptide	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:	
Phe Ala Pro Gly Asn Tyr Pro Ala Leu 1 5	
(2) INFORMATION FOR SEQ ID NO:5:	
(i) SEQUENCE CHARACTERISTICS:(A) LENGTH: 100 base pairs(B) TYPE: nucleic acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:	
CTCGAGACCT GTGTGGATTA AAAACCTCTC TGATTCTGGT TTGCTTTTCT GTTTCCAAGC AGGGGTGAGA GGAGACTCCG TGACCCAGAC AGAAGGCCTG	60 100
(2) INFORMATION FOR SEQ ID NO:6:	
(i) SEQUENCE CHARACTERISTICS:(A) LENGTH: 69 base pairs(B) TYPE: nucleic acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:	
GCGGCCGCTT GGGCCCAAGA AACTGTCATC AAACGTACGT GCTATAACCT TCAGTCTGGT ACCTGCTCC	60 69
(2) INFORMATION FOR SEQ ID NO:7:	
 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 86 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear 	

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-60-		
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:		
ATCGATTCCC CTTCTTGTCT GTATTTACAT CTTTTGTTTT CTTCTCTTCT	60 86	
(2) INFORMATION FOR SEQ ID NO:8:		
 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 56 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear 		
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:		
GCGGCCGCAC GTGGGGCCCC AGCTCACCTA AAACCGTGAG CCTGGTGCCG GGACCG	56	
(2) INFORMATION FOR SEQ ID NO:9:		
(i) SEQUENCE CHARACTERISTICS:(A) LENGTH: 8 amino acids(B) TYPE: amino acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear		
(ii) MOLECULE TYPE: peptide		
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:		
Arg Gly Tyr Val Tyr Gln Gly Leu		